

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

HIROSHI AOTO ET AL.

Application No.: 10/769,765

Filed: February 3, 2004

For: DIELECTRIC FILM STRUCTURE,  
PIEZOELECTRIC ACTUATOR USING  
DIELECTRIC ELEMENT FILM  
STRUCTURE AND INK JET HEAD

Examiner: R. Dicht

Group Art Unit: 2853

October 13, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

Sir:

In response to the Office Action mailed September 13, 2005, which set forth an election of species requirement, Applicants elect Species I. Applicants submit that Claims 1-4, 10 and 13 read on the elected species.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202)530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicants

Brian L. Klock

Registration No. 36,570

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
DWP/BLK/mls

03500.017883



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: R. Dicht
HIROSHI AOTO ET AL.	)	
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PIEZOELECTRIC ACTUATOR USING	:	
DIELECTRIC ELEMENT FILM	)	
STRUCTURE AND INK JET HEAD	:	October 13, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. A copy of each listed document (other than the U.S. Patents) is enclosed.

These documents may be pertinent because they were cited in a European Search Report issued in a counterpart application on September 1, 2005. A copy of the Search Report is enclosed.

FORMAL MATTERS

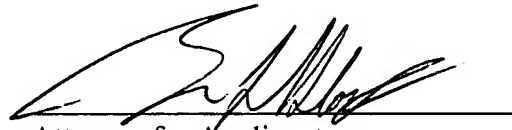
No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account No. 06-1205.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Brian L. Klock', is written over a horizontal line.

Attorney for Applicants  
Brian L. Klock  
Registration No. 36,570

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FORM PTO 1449 (modified)			ATTY DOCKET NO. <b>03500.017883</b>		APPLICATION NO. <b>10/769,765</b>	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  October 13, 2005			APPLICANT <b>HIROSHI AOTO ET AL.</b>			
			FILING DATE <b>February 3, 2004</b>		GROUP <b>2853</b>	
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
		<b>5,265,315</b>	<b>11/1993</b>	<b>Hoisington et al.</b>		
		<b>4,584,590</b>	<b>04/1986</b>	<b>Fischbeck et al.</b>		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>0 656 429 A</b>	<b>06/1995</b>	<b>Europe</b>		<b>Yes</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
		<b>OGAWA et al., "Controlling The Crystal Orientations of Lead Titanate Thin Films", Japanese Journal of Applied Physics, Tokyo, Japan, vol. 30, no. 9B, September 1, 1991, pps. 2145-2148</b>				
		<b>LIN et al., "Epitaxial Growth of Pb(Zr<sub>0.2</sub>Ti<sub>0.8</sub>)O<sub>3</sub> On Si and its Nanoscale Piezoelectric Properties", Applied Physics Letters, American Institute of Physics, New York, USA, vol 78, no. 14, April 2, 2001, pps. 2034-2036</b>				
EXAMINER				DATE CONSIDERED		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

Sheet 1 of 1

DWPBLK/mls